## RECE! CENTRAL FAX GENTE.

NO. 9109 1. 5

## FEB 1 8 2005

PTCYSERVA RG-GSV

Approved for use Burugh 07/31/2018, 03/3851-0031

Substitute for form 1449/PTO	Co	mplete if Known	
	Application Number	10/783,946	
INFORMATION DISCLOSURE	Filing Date	02/20/2004	
	First Named Inventor	Kevin G. Hetzler	
STATEMENT BY APPLICANT	Art Unit	1773	
(Use as marry shoets as necessary)	Examiner Name	UNASSIGNED	
Sheet 11 of 11	Attorney Docket Number	1035-04334	

			U. S. PATEN	DOCUMENTS	
Examiner Initials*	Cits No.1	Document Number  Number-Kind Code <sup>2 g known</sup>	Publication Date MW-DD-YYYY	Name of Patentee or Applicant of Cited Decument	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appet?
REZ.	A	US- 6,524,686 B2	02/25/2003	Strassel	
	В	US-			
	С	US-			
	D	U\$-			
	E	U8-			
	F	US-			
	G	UE-			
	Н	US-			
	1	US-			
	J	US-			
	K	U\$-		<u>                                     </u>	
	L	Ų\$·			
	М	U8-	<u> </u>		
•	. N	08-			
	0	US-			<u> </u>
	Р	US-			
	Q	US-			
	R	U\$-			
	l s	US-	ı		i e

	FOREIGN PATENT DOCUMENTS							
Exeminer Initials	No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Palentse or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages			
		Country Code <sup>2</sup> "Number <sup>4</sup> "Vind Code <sup>2</sup> (V known)			Or Relevant Figures Appear	T°		
	T							
	υ							
	٧							
	W							
	X							
	Y							

			· -
Examiner Signature	113/	Date Considered / 12	18/05

"EXAMINER: Initial if reference considered, whether or not cistion is in conformance with MPEP 508. Draw line through cistion if not in conformance and not considered, Include copy of this form with next communication to applicant. "Applicant's unique citation designation number (optional). "See Kinds Codes of USPTO Patent Documents at www.uspin.gov or MPEP 801.04. "Enter Office that issued the document, by the two-latter code (WIPO Standard ST.3)." For Lapsaness patent documents, the indication of the year of the reign of the Emperar must proceed the social number of the patent document. "Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. "Applicant is to place a check mark hard if English language Translation is attached.

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.88. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including solvering, preparing, and submitting the completed application form to the USPTO. There will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions form to the USPTO. There will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the CNef Information Officer, U.S. Patent and Tradement Office, P.O. Box 1450, Aboxandria, VA 22313-1450.

TO: Commissioner for Patents, P.O. Box 1450, Aboxandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-788-9199) and select option 2.

PTO/58/08A (08-09)

	Approved for use through 07/31/2008. QMB 0651-0031
	U.S. Patent and Tredemark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to re-	spond to a collection of information unless it contains a valid OMB control number.
Substitute for form 1449/PTO	Complete if Known

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Application Number 10/783,946 Filing Date 02/20/2004 First Named Inventor Kevin G. Hetzler Art Unit 1773 UNASSIGNED Examinar Name 1035-O4334 Attorney Docket Number

Examiner	T Alia	Dogwood Museban	Publication Date	DOCUMENTS Name of Patertee or	Ponce Columns I mag Where
Litigis"	Cita No.1	Document Number  Number-Kind Code <sup>® O' Industry</sup>	MM-OD-YYYY	Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
RES	Α	<sup>US-</sup> 6,811,859 B2	11/02/2004	Bonnet, et al.	
	В	us-			
	C	US-			
•	D	US-			
	E	U\$-			
	F	08-			
	G	US-		· .	
	Н	U\$-			
		US-			
	J	US-			
	K	US-			
	L	U8-			
	M	US-			
	N	us-			
	0	US•			
	Р	US-			
	Q	08-			
	R	US-			
	S	US-			

		FORE	IGN PATENT DOCU	MENTS		
Examinar Initials*	No.1	Otta   Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pagas, Columns, Lines, Where Relevant Passages	
		Country Cody <sup>8</sup> "Number" "Kind Code <sup>8</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T
	T					
	U					
	V					
	W					
,	Х					<u>_</u>
	Y				<u></u>	

Examiner Signature	113/-	Date Considered	12/8/05

\*EXAMINER: Initial if reference considered whether or not cliabon is in conformance with MPEP 609, Draw line through obtains if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique cliabon designation number (optional). \*See Kinds Codes of USPTO Patent Documents at www.lighth.gov or MPEP 801.04. \*Enter Office that issued the document, by the two-letter code (WPO Standard ST.5). \*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the sadel number of the patent document. \*Kind of document the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \*Applicant is to phace a check mark here if English language Translation is attached.

Transistion is etached.
This collection of information is required by 37 CPR 1.97 and 1.98. The information is required to obtain or rotain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CPR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Three will vary depending upon the individual case. Any comments on the grount of time you require to complete this form and/or suggestions for rotaining his burden, should be sent to the Chief information Officer, U.S. Patent and Trademark Office, P.O. Scot 1450, Alexandria, VA 22313-1450.

TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, cell 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

	Substitute for form 1449/PTO	Complete if Known		
		Application Number	NEW APPLICATION	
	INFORMATION DISCLOSURE	Filing Date	HEREWITH	
		First Named Inventor	Kevin G. Hetzler	
	STATEMENT BY APPLICANT	Art Unit	1773	
	(Use as many sheets as necessary)	Examiner Name	Zacharia	
こ	Sheet 1 of 3	Attorney Docket Number	1035-O4334	

	U. S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant			
0.5-	<u> </u>	Number-Kind Code <sup>2 (If known)</sup>			Figures Appear			
REZ	BA	US- 2001/0051256 A1	12/13/2001	Silagy, et al.				
REE	BB	<sup>US-</sup> 2002/0061398 A1	05/23/2002	Heffner, et al.				
PEZ	BC	US- 2002/0068175 A1	06/06/2002	Strassel				
REZ	BD	<sup>US-</sup> 2002/0074691 A1	06/20/2002	Mortellite, et al.				
REZ	BE	US- 2002/0150763 A1	10/17/2002	Silagy, et al.				
REE	BF	US- 2003/0041952 A1	03/06/2003	Mortellite, et al.				
REZ	BG	US- 2003/0114595 A1	06/19/2003	Van Dun, et al.				
REZ	ВН	US- 2003/0145938 A1	08/07/2003	Mortellite, et al.				
REB	BI	<sup>US-</sup> 5,242,976	09/07/1993	Strassel, et al.				
REE	BJ	<sup>US-</sup> 5,395,471	03/07/1995	Obijeski, et al.				
REB	AK	<sup>US-</sup> 6,143,415	11/07/2000	Lorek, et al.				
REE	AL	<sup>US-</sup> 6,436,495	08/20/2002	Tsukamoto, et al.				
REZ	AM	<sup>US-</sup> 6,436,533	08/20/2002	Heffner, et al.				
REZ	AN	US- 6,444,311 B1	09/03/2002	Friedman, et al.				
REZ	AO	US- 6,583,222 B1	06/24/2003	Chaudbary, et al.				
REZ	AP	US- 6,593,005 B2	07/15/2003	Tau, et al.				
REE	AQ	US- 4,859,379	08/22/1989	Chiang				
	AR	US-						
	AS	US-						

	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages			
-		Country Code <sup>3</sup> Number **Kind Code <sup>8</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	To		
_	AT							
	AU							
	AV							
	AW							
	AX							
	AY							

Examiner Signature	9//.	Date Considered	12/8/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Therefore that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

translation is attached.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08B (08-03) Approved for use through 07/31/2006. OMB 0651-0031

	U.S. Patent and Trademark Office; U.S. DEPARTMENT OF C	OMMERCE
Indeedba Occasional Dadication And of 4005 and access and accession	and the reservoir of the continue of the conti	

Substitu	Substitute for form 1449/PTO		Complete if Known			
CCCC				Application Number	NEW APPLICATION	_
INFORMATION DISCLOSURE			CLOSURE	Filing Date	HEREWITH	
STA	STATEMENT BY APPLICANT (Use as many sheets as necessary)			First Named Inventor	Kevin G. Hetzler	
				Art Unit	1773	
	lose as many snee	813 <b>83</b> 11	ecessary)	Examiner Name	Zacharia	
Sheet	2	of	3	Attorney Docket Number	1035-O4334	J

	NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²				
REZ	ВА	C. Pattamaprom, et al., "Analysis of Extensional Viscosity Techniques for the Characterization of Fluorpopolymers", ANTEC 2002.					
REZ	ВВ	M.H. Wagner, "Rheotens-Mastercurves and Drawability of Polymer Melts", POLYMER ENGINEERING AND SCIENCE, mid-April 1996, Vol. 36, No. 7., pp. 925-935.					
REZ	вс	J.S. Lee, et al., "Meltspinning Dynamic of Phan-Thien Tanner Fluids", KOREA-AUSTRALIA RHEOLOGY JOURNAL, June 2000, Vol. 12, No. 2, pp. 119-124.					
REV	BD	T. Matsumoto, et al., "Draw Resonance Involving Rheological Transitions", POLYMER ENGINEERING AND SCIENCE, May, 1978, Vol. 18, No. 7, pp. 564-571.					
REZ	BE	J.C. Hyun, "Theory of Draw Resonance", AICHE JOURNAL, May 1978, Vol. 24, No. 3, pp. 418-422.					
REZ	BF	J.C. Hyun, "Part II. Power Law and Maxwell Fluids", AICHE JOURNAL, May 1978, Vol. 24, No. 3, pp. 423-426.					
REE	BG	S. Goyal, "The Influence of Polymer Structure on Melt Strength Behavior of PE Resins", PLASTICS ENGINEERING, February 1995, pp. 25-28.					
REZ	вн	E. M. Phillips, et al., "High Performance Polypropylene Extrusion Coating Resins", JOURNAL OF COATED FABRICS, Vol. 19, January 1990, pp. 155-168.					
REZ	ВІ	K.K. Dohrer, et al., "Resistance to Draw Resonance of Linear Low Density Polyethylene Through Improved Resin Design", ANTEC '89, mAY 1-3, PP. 177-183, 1989.					
REZ	BJ	P.J. Lucchesi, et al., "Reducing Draw Resonance in LLDPE Film Resins", PLASTICS ENGINEERING, May 1985, pp. 87-90.	>				

Examiner	Date	10/06
Signature	Considered	12/8/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTC/SB/088 (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
a collection of information unless it contains a valid OMB contain.

Substitu	Substitute for form 1449/PTO			Complete if Known		
Substitute for form 1445/F 10				Application Number	NEW APPLICATION	
INF	ORMATION	DIS	CLOSURE	Filing Date	HEREWITH	
STA	STATEMENT BY APPLICANT			First Named Inventor	Kevin G. Hetzler	
				Art Unit	1773	
	(Use as many sheets as necessary)		Examiner Name	Zacharia		
Sheet	3	of	3	Attorney Docket Number	1035-O4334	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
per	AAA	A. Ghijsels, et al., "Draw Resonance Studies on Polypropylene Melts", INTERNATIONAL CONGRESS ON RHEOLOGY, 8th, 1980, Ed. by G. Astarita, pp. 15-24.	
REZ	ввв	J. Flanagan, "Better die Design and Equipment Enhance the Cast Film Process", MODERN PLASTICS INTERNATIONAL, February 1993, pp. 35-37.	
REZ	ссс	E.H. Roberts, et al., "Draw Resonance Reduction in Melt Embossing and Extrusion Coating Resins", ADVANCES IN POLYMER TECHNOLOGY, Vol. 6, No. 1, pp. 65-71 (1986).	
REZ	DDD	H. Kometani, et al., "Development of Wide and High-Speed Nononented Film Production Lines", MITSUBISHI HEAVY INDUSTRIES, LTD., Technical Review, Vol. 38, No. 1, Feb. 2001.	
	EEE		
	FFF		
	GGG		
	ннн		
	Ш		
,	ານ		

F			
Examiner		Date	12/2/20
Signature	<i>2/1 7/( :</i>	Considered	16/8/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this four with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.
This collection of Information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08A (07-05)
Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid QMB control number.

Complete if Known **Bubslilute for form 1449/PTO** Application Number 10/783,946 Filing Date February 20, 2004 **INFORMATION DISCLOSURE** First Named Inventor Kevin G. Hetzler STATEMENT BY APPLICANT Art Unit 1773 (Use as many sheets as necessary) Ramsey E. Zacharia Examiner Name Attorney Docket Number 1035-Q4334

	T			DOCUMENTS	7 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Examiner Inilials*	Cite No.	Document Number  Number-Kind Code <sup>2 (7 Isour)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Linex, Where Relevant Passages or Relevant Figures Appear
REZ	Al	US- 3,253,060	05/24/1966	Koblitz et al.	
PEZ	BI	US-4,317,860	03/02/1982	Strassel	
REZ	C1	US- 2003/0104219 A1	06/05/2003	Hare et al.	
	D1	US-			
	El	US-			
	Fl	US-		•	
	GI	Us-			
	HI	U\$-			
	II	US-			
	JI	U\$-			
	KI	US-			
	L1	US-			
	MI	US-			
	N1	Us-			
	01	US-			
	P1	US-	1		
	Qı	US-			
	Ri	US-			
	SI	US-			

FOREIGN PATENT DOCUMENTS							
Examiner Intials*	Cate No.	Foreign Paterni Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages		
		Country Code <sup>4</sup> Number <sup>4</sup> Kind Code <sup>8</sup> (# known)	MM-DD-YYYY		Or Relevant Figures Appear	Ľ	
	Tl						
	נט						
	VI						
	W1						
	ΙX					_	
	Yı				1		

Examiner Date Considered 12/8/05				
Signature 2 2 2	Examiner Signature	9//	. Date Considered	12/8/05

EXAMINER: Initial if reference consistent, whether or not chation is in conformance with MPEP 509. Draw line through citation if not in conformance and not considered, include copy of this form with need communication to applicant, "Applicant's unique citation designation number (optional), "See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. "Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). "For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. "Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible." Applicant is to place a check mark here if English language

This collection of information is required by 37 CFR 1.97 and 1.99. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application from to the USPTO. Time will vary depending upon the IndiMdusl case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sant to the Chief Information Officer, U.S. Patent and Tredement Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-788-9199) and select option 2.